

Virginia Division of Consolidated Laboratory Services - Richmond, VA

**QUALITY ASSURANCE / QUALITY CONTROL**  
**SM 2020 - 2010** (As published in SM 22<sup>nd</sup> Edition)

Facility Name:\_\_\_\_\_ LAB ID \_\_\_\_\_  
 Assessor Name:\_\_\_\_\_ Analyst Name:\_\_\_\_\_ Inspection Date:\_\_\_\_\_

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
(1) For the following methods, if acceptance criteria for a laboratory fortified blank used for the Initial Demonstration of Capability were not specified in the test method, were initial recovery limits calculated as follows: Initial Recovery Limits = Mean $\pm$ (5.84 x Standard Deviation) <input type="checkbox"/> Alkalinity <input type="checkbox"/> Hardness	SM 2020 B.1.a				
(2) INITIAL CALIBRATION VERIFICATION: Did initial calibration verification with second source agree within $\pm$ 15%?	SM 2020 B.2.b				
(3) CONTINUING CALIBRATION VERIFICATION: Were calibrations verified during a run by periodically analyzing a same source standard with results agreeing within $\pm$ 10%?	SM 2020 B.2.b				
(4) Were titration reagents re-standardized once a month? NOTE: <i>Alternatively, lab may purchase certified titrant and replace monthly.</i>	SM 2020 B.2.b				
(5) If acceptance criteria were not specified by the test methods, were acceptance criteria for method blank results less than or equal to one-half the reporting level?	SM 2020 B.2.d				
<b>Refer to Tables 2020:I and 2020:II for Initial and Ongoing Quality Control Requirements for Methods in Part 2000.</b>					
Notes/ Comments:					